



ELSEVIER

Computers in Industry 38 (1999) 299–301

**COMPUTERS IN
INDUSTRY**

Author index to volume 38

Al-Ahmari, A.M.A. and K. Ridgway, An integrated modelling method to support manufacturing systems analysis and design	225
Alatsas, N. , <i>see</i> Bilalis, N.	201
Baines, R.W. , <i>see</i> Liao, J.B.	239
Signall, B. , <i>see</i> Rahman, S.M.	43
Bilalis, N. , N. Alatsas, F. Soppera and A. Xanthas, Technical and qualitative information sharing between fabric finishing and garment manufacturer	201
Chen, W. , <i>see</i> Sandurkar, S.	209
Chivate, P.N. , N.V. Puntambekar and A.G. Jablokow, Extending surfaces for reverse engineering solid model generation	285
Crespo, A. , <i>see</i> Mellado, M.	187
Crowder, R.M. , W. Hall, I. Heath and G. Wills, Integration of manufacturing information using open hypermedia	31
De Ridder, M. , <i>see</i> Spathopoulos, M.P.	115
Dreus, P. , <i>see</i> Weyrich, M.	5
Fatikow, S. , <i>see</i> Mardanov, A.	93
Ferro De Beca, A. , <i>see</i> Leger, J.B.	131
Garbajosa, J. , <i>see</i> Mellado, M.	187
Gregor, M. , <i>see</i> Košturiak, J.	159
Groumpos, P. , <i>see</i> Jagdev, H.S.	77
Gullander, P. , <i>see</i> Klingstam, P.	173
Gunasekaran, A. and R. Reddy, Multimedia in Manufacturing	1
Gunasekaran, A. and P.E.D. Love, A review of multimedia technology in manufacturing	65
Hall, W. , <i>see</i> Crowder, R.M.	31
Heath, I. , <i>see</i> Crowder, R.M.	31
Ho, H.-B. , <i>see</i> Lin, A.C.	263
Huang, G.Q. and K.L. Mak, Design for manufacture and assembly on the Internet	17
Iung, B. , <i>see</i> Leger, J.B.	131
Jablokow, A.G. , <i>see</i> Chivate, P.N.	285
Jagdev, H.S. and P. Groumpos, Reality checks for the Academics	77
Klingstam, P. and P. Gullander, Overview of simulation tools for computer-aided production engineering	173
Košturiak, J. and M. Gregor, Simulation in production system life cycle	159

- Leger, J.B., B. Iung, A. Ferro De Beca** and J. Pinoteau, An innovative approach for new distributed maintenance system: application to hydro power plants of the REMAFEX project 131
- Liao, J.B., M.H. Wu** and R.W. Baines, A coordinate measuring machine vision system 239
- Lin, A.C., M.-Y. Lin** and H.-B. Ho, CAPP and its integration with tolerance charts for machining of aircraft components 263
- Lin, M.-Y.**, *see* Lin, A.C. 263
- Lomba, C.**, *see* Mellado, M. 187
- López, P.**, *see* Mellado, M. 187
- Love, P.E.D.**, *see* Gunasekaran, A. 65
- Mak, K.L.**, *see* Huang, G.Q. 17
- Mallidi, K., A.T. Paraskevopoulos** and P. Paganelli, Process modelling in small-medium enterprise networks 149
- Mardanov, A., J. Seyfried** and S. Fatikow, An automated assembly system for a microassembly station 93
- Matko, D.**, *see* Mušič, G. 79
- Mayerhofer, R.**, *see* Mellado, M. 187
- Mellado, M., E. Vendrell, A. Crespo, P. López, J. Garbajosa, C. Lomba, K. Schilling, H. Stützle** and R. Mayerhofer, Application of a real time expert system platform for flexible autonomous transport in industrial production 187
- Mušič, G.** and D. Matko, Combined simulation for process control: extension of a general purpose simulation tool 79
- Najjar, L.J.**, *see* Ockerman, J.J. 53
- Ockerman, J.J., L.J. Najjar** and J.C. Thompson, FAST: future technology for today's industry 53
- Paganelli, P.**, *see* Mallidi, K. 149
- Paraskevopoulos, A.T.**, *see* Mallidi, K. 149
- Pinoteau, J.**, *see* Leger, J.B. 131
- Puntambekar, N.V.**, *see* Chivate, P.N. 285
- Rahman, S.M., R. Sarker** and B. Bignall, Application of multimedia technology in manufacturing: a review 43
- Ramos, C.**, *see* Sousa, P. 103
- Reddy, R.**, *see* Gunasekaran, A. 1
- Ridgway, K.**, *see* Al-Ahmari, A.M.A. 225
- Sandurkar, S.** and W. Chen, GAPRUS—genetic algorithms based pipe routing using tessellated objects 209
- Sarker, R.**, *see* Rahman, S.M. 43
- Schilling, K.**, *see* Mellado, M. 187
- Seyfried, J.**, *see* Mardanov, A. 93
- Soppera, F.**, *see* Bilalis, N. 201
- Sousa, P.** and C. Ramos, A distributed architecture and negotiation protocol for scheduling in manufacturing systems 103
- Spathopoulos, M.P.** and M. de Ridder, Modelling and distributive control design of a flexible manufacturing system 115
- Stützle, H.**, *see* Mellado, M. 187
- Thompson, J.C.**, *see* Ockerman, J.J. 53
- Tseng, Y.-J.**, Fixturing design analysis for successive feature-based machining 249
- Vendrell, E.**, *see* Mellado, M. 187

- Weyrich, M.** and P. Drews, An interactive environment for virtual manufacturing: the virtual workbench 5
Wills, G., *see* Crowder, R.M. 31
Wu, M.H., *see* Liao, J.B. 239
Xanthas, A., *see* Bilalis, N. 201

Subject index to volume 38

AGV integration in manufacturing	187	Intelligent Manufacturing Systems (IMS)	103
Apparel industry	201	Intelligent planning	187
Autonomous guided vehicles	187	Intelligent systems	131
		Interactive environment	5
CAD/CAM	43, 263	Internet	17, 43
CAPP	263		
Collaborative design	43	Maintenance engineering	131
Computer-aided production engineering	173	Manufacturing	31, 65
Conceptual modelling	225	Manufacturing simulation	173
Concurrent Engineering	17	Manufacturing training	53
Co-operation	103	Meta-CASE	149
Coordinate measuring machine	239	Microassembly	93
		Microrobots	93
Design for manufacture and assembly	17	Multimedia	17, 43, 53, 65
Design for X	17		
Diagnosis	131	Navigation	187
Digitized point data	285		
Distributed networks	65	Open hypermedia	31
Distributed systems	131		
Distributive control design	115	Parametric spline surfaces	285
3D workpiece positioning	239	Performance support system	53
Dynamic modelling	159	Petri nets	79
Dynamic scheduling	103	Pipe routing	209
		Planning	93
Expert systems	187	Predictive maintenance	131
		Process modelling	149
Feature-based machining	249	Production planning	149
Fixturing design analysis	249	Production system life cycle	159
Flexible manufacturing system	115		
Freeform CAD geometries	209	Sensors	187
Functional integration	65	Simulation	79, 159, 225
		Solid model generation	285
Genetic algorithms	209		
Global manufacturing	43	Tessellated objects	209
GRAI grid	225	Textile industry	201
		Tolerance charts	263
Hierarchical modelling	115		
Holonic Manufacturing Systems (HMS)	103	Virtual enterprise networks	149
Hybrid systems	79	Virtual manufacturing	5
		Virtual reality	5
IDEF0	225	Virtual workbench	5
Industrial products	5	Vision system	239
Information integration	201	Voice recognition	53
Information management	31		
Integrated methodologies	225	Wearable computing	53
Integration	131	World Wide Web	17
Intelligent control	187		

